| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| L1 | 582 | (abnormal near3 voltage near5 (protect$4 prevent$4)) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/04/14 13:39 |
| L2 | 9586 | ballast and ((discharge fluorescen$4) near3 (lamp bulb tube vessel)) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/04/14 11:10 |
| L4 | 1012 | ballast and ((prevent$4 protect$4) near4 circuit) and (fluorescen$4 near3 (lamp bulb tube)) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/04/14 15:25 |
| L6 | 419 | 4 and ((sens$4 detect$4 monitor$4) near5 voltage) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/04/14 15:26 |
| L8 | 172 | 6 and ((sens$4 detect$4 monitor$4) near5 (fluorescen$4 lamp) near5 voltage) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/04/14 11:30 |
| L18 | 381 | safety near5 circuit and ballast | US-PGPUB; USPAT; USOCR | OR | ON | 2005/04/14 15:23 |
| L19 | 151 | ballast and ((prevent$4 protect$4) near4 circuit) and (fluorescen$4 near3 (lamp bulb tube)) | EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/14 16:06 |
| L20 | 23 | 19 and ((sens$4 detect$4 monitor$4) near5 voltage) | EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/14 15:58 |

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Result # 1    Relevance: ⬡⬡⬡⬡⬡

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this document.

**EFFICIENT SAFETY CIRCUIT FOR ELECTRONIC BAL**

25-Jun-2002        IPCOM000008580D        Englisl

In electronic ballast circuits for fluorescent lamps, the self oscill commonly used in the low cost half bridge converter, is prone t runaway when the fluorescent lamp does not strike. As a conse the switches are oversized to sustain such a ...

Result # 2    Relevance: ⬡⬡⬡⬡⬡

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this document.

**Multiple-CCFL inverter all output shutdown circuit i failure happened**

19-Jun-2003        IPCOM000013901D        Englisl

A multiple-CCFL (cold-cathode fluorescent lamp) inverter that h safety protection was developed. When it happened any failure inverter shut off all the high-voltage outputs. The protection cir all the STOP signals of each controller ...

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